

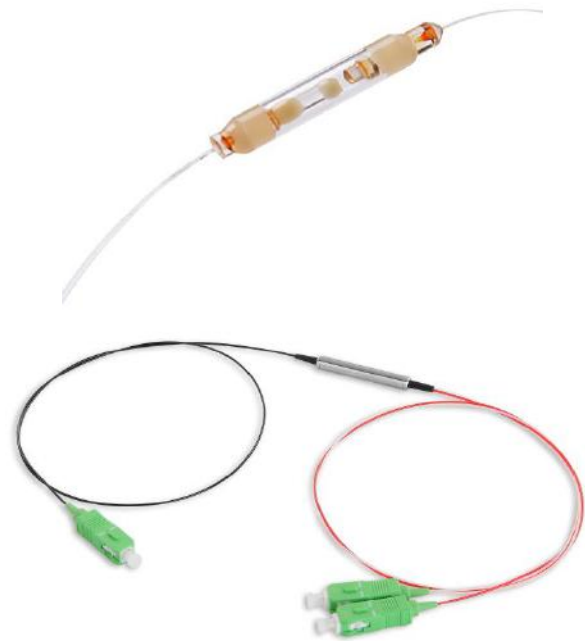
TFF 1310/1490/1550nm FWDM

Features

- Automatic Optical alignment
- Optical path epoxy free
- Low insert loss & high isolation
- Telcordia GR-1221-Core qualified
- RoHS compliant

Applications

- PON System
- FTTx Network
- CATV System



Specification

Parameter		Unit	Specification			
			FWDM3/45	FWDM45/3	FWDM35/4	FWDM5/34
Operating Wavelength	Transmission	nm	1490±10	1310±40	1490±10	1310±40
		nm	1550±10			1490±10
	Reflection	nm	1310±40	1490±10	1310±40	1550±10
		nm		1550±10	1550±10	
Port of Transmission (Port1=>Port2)	Insertion Loss	dB	≤0.6(Typical 0.4)			
	Isolation	dB	≥40			
Port of Reflection (Port1=>Port3)	Insertion Loss	dB	≤0.5(Typical 0.3)			
	Isolation	dB	≥15			
Return Loss		dB	≥45			
Insertion Loss Thermal Stability		dB/°C	≤0.005			
Polarization Dependent Loss		dB	≤0.15			
Polarization Mode Dispersion		Ps	≤0.10			
Directivity		dB	≥45			
Power Handling		mW	300			
Operating Temperature		°C	-40 ~+85			
Storage Temperature		°C	-40 ~ +85			
Fiber Type		--	Corning SMF-28 Ultra, G657A1/A2 or customer specified			
Pigtail type		--	Ø250µm Bare Fiber or Ø0.9mm loose tube			
Fiber length		m	1.0 ,or customer specified			
Package Dimension		mm	Steel Tube: Ø5.5x34 for 250µm bare fiber,			

Information and specifications are subject to change without notice.
Please visit www.china-tscom.com for more information

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		Ø5.5x38 for Ø0.9mm loose tube;
		Glass Tube:
		Ø4.0x26 for Ø250µm bare fiber,
		Ø3.2x26 for Ø250µm bare fiber;

Note:

- Insertion Loss excluding connector loss. With connectors add 0.3dB;
- Connectors can be supplied on request.
- The FWDM device with other operating wavelength can be customized.